AMENDMENTS TO THE CLAIMS

1. (Currently amended) A silicate phosphor <u>containing a silicon element and a metallic element emprising:</u>

a silicon system material having particles which form center nuclei of the phosphor; and

a metallic element dispersed and mixed in each of the particles of the silicon-system material,

wherein a mean particle size of the phosphor is from 0.01 to 1 µm, and particles of the phosphor are not fused together a coefficient of variation of inter-particle composition distribution of constituting elements in the particles of the phosphor is not more than 50%.

(Currently amended) A silicate phosphor comprising: The phosphor of claim 1,
 a silicon system material having particles which form center nuclei of the phosphor; and

a metallic element dispersed and mixed in each of the particles of the silicon system material,

wherein-a mean particle size of the phosphor is from 0.01 to 1 μ m, a value of a coefficient of variation of particle size distribution is not more than 40%, and a shape of individual particle shapes of individual particles of the phosphor-is are approximately equal to each other.

3. (Original) The phosphor of claim 1, wherein a number of particles having uni-

form composition distribution of constituting elements in the particles of the phosphor is not less than 50%.

- 4.-6. (Canceled).
- 7. (Currently amended) A method for producing a precursor of a silicate phosphor, comprising the steps of:

a precursor forming step for forming the precursor of the phosphor by mixing a silicon system liquid material, in which wet silica is dispersed in a liquid, with a metal system liquid material including a metallic element a first liquid dispersion of wet silica with a second liquid containing a metallic element; and calcining the precursor, wherein calcining includes the steps of,

a first calcining of the precursor such that any fusion of the wet silica is insubstantial,

a second calcining comprising calcining the calcined product obtained in the first calcining.

- 8. (Original) The method of claim 7, wherein the wet silica is colloidal silica.
- 9. (Canceled).
- 10. (Currently amended) The method of claim 97, wherein a BET specific surface area of the wet silica is not less than 50 m²/g
- 11. (Currently amended) The method of claim 97, wherein the at least one metallic element is selected at least one from the group consisting of Zn, Mn, Mg, Ca, Sr,

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Ba, Y, Zr, Al, Ga, La, Ce, Eu and Tb.

- 12. (Currently amended) The method of claim 97, wherein in the precursor forming step, a solution including a precipitant which forms a precipitate by reacting with the metallic element is mixed.
- 13. (Original) The method of claim 12, wherein the precipitant is organic acid or alkali hydroxide.
- 14. (Currently amended) The method of claim <u>97</u>, wherein the wet silica is prepared beforehand.
- 15. (Currently amended) The method of claim 97, wherein the <u>first</u> liquid is water, alcohols or a mixture of the water and the alcohols alcohol(s), or a mixture of water and alcohol(s).
- 16. (Currently amended) The method of claim 97, wherein the metal-system-second liquid material includes is water, alcohols or a mixture of the water and the alcohols alcohol(s), or a mixture of water and alcohol(s).
- 17.-19. (Canceled).
- 20. (Currently amended) A phosphor produced by the method of claim 97.
- 21.-23. (Canceled).
- 24. (Currently amended) The phosphor of claim 1, wherein the phosphor is produced by the method of claim 97.

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- 25. (Canceled).
- 26. (New) The method of claim 7, further comprising a step of mixing a sintering inhibitor in a calcined product obtained in the first calcining.